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APPLICATION N	0.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/938,435	09/938,435 08/23/2001		Tae Kyung Won	5336/DISPLAY/AKT/BG	2581	
32588	7590	07/28/2004		EXAMINER		
	O MATER OTT BLVD.	IALS, INC.	JACKSON, MONIQUE R			
SANTA CLARA, CA 95050				ART UNIT	PAPER NUMBER	
				1773		

DATE MAILED: 07/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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		Application No.	Applicant(s)	4				
		09/938,435	WON ET AL.	1				
	Office Action Summary	Examiner	Art Unit					
		Monique R Jackson	1773					
Period fo	The MAILING DATE of this communication apports.	pears on the cover sheet with the	correspondence addre	ess				
THE - Exte after - If the - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPL MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply specified above is less than thirty (30) days, a repl operiod for reply is specified above, the maximum statutory period re to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailined patent term adjustment. See 37 CFR 1.704(b).	I36(a). In no event, however, may a reply be till by within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	mely filed ys will be considered timely. the mailing date of this commED (35 U.S.C. § 133).	nunication.				
Status	,							
1) 又	Responsive to communication(s) filed on 10 M	fav 2004						
		s action is non-final.						
•	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositi	on of Claims							
5)⊠ 6)⊠ 7)□	4) Claim(s) 1-13,25-37 and 62-83 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1-13 and 25-37 is/are allowed. 6) Claim(s) 62-83 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement.							
Applicati	on Papers							
9)	The specification is objected to by the Examine	er.						
10)	10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.							
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
11)	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority u	ınder 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
Attachment	c(s)							
2) 🔲 Notica 3) 🔯 Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) No(s)/Mail Date 5/04.	4) Interview Summary Paper No(s)/Mail Do 5) Notice of Informal P 6) Other:	ate	52)				

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DETAILED ACTION

Continued Examination Under 37 CFR 1.114

- 1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 5/10/04 has been entered.
- 2. The amendment filed 5/10/04 has been entered. Claim 38 has been canceled (the Examiner notes that previously allowed Claim 38 is now identified as "Canceled" however the Examiner is unclear whether the Applicants intended to cancel this claim given that there is no indication in the remarks section of the amendment filed 5/10/04 that Claim 38 was canceled.)

 New claims 62-83 been added. Claims 1-13, 25-37 and 62-83 are pending in the application.
- 3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 112

- 4. The following is a quotation of the first paragraph of 35 U.S.C. 112:
 - The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.
- 5. Claims 62-83 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant

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art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Additionally, the claims are rejected under 35 U.S.C. 112, first paragraph, as based on a disclosure which is not enabling because the specification, while being enabling for a method in which the perimeter and inner area temperatures are within the range claimed in claim 1, does not reasonably provide enablement for a method in which the perimeter can be maintained at any temperature higher than the inside area temperature (as recited in Claims 70 and 81) or any temperature 10 degrees higher than the inside area temperature (as recited in Claims 62 and 75.) It is noted that newly submitted independent claims 62 and 75 recite that the temperature reading of the second thermocouple (perimeter temperature) is at least 10 degrees C higher than the temperature of the first thermocouple (inner area temperature) however the original disclosure at the time of filing does not support this broader temperature range. Similarly, Claims 70 and 81 recite that the temperature reading of the second thermocouple exceeds the temperature reading of the first thermocouple. It is noted that the original disclosure at the time of filing clearly recites that the temperature of the perimeter area is within a range between about 10 degrees C less than the temperature of the area of the surface inside of the perimeter area to about 20 degrees higher than the temperature of the area of the surface inside of the perimeter area, not any temperature higher than the inner area. Further, it is noted that the instant invention requires the film thickness uniformity be less than or equal about 10%.

Allowable Subject Matter

6. Claims 1-13 and 25-37 are allowed over the prior art for the reasons recited in the prior office action.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monique R Jackson whose telephone number is 571-272-1508. The examiner can normally be reached on Mondays-Thursdays, 8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul J Thibodeau can be reached on 571-272-1516. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Monique R. Jackson

Primary Examiner

Technology Center 1700

July 23, 2004